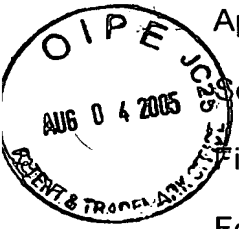


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: T. AMANO, et al

Serial No.: 10/823,619

Filed: April 14, 2004

For: METHOD AND APPARATUS FOR AVOIDING JOURNAL
OVERFLOW ON BACKUP AND RECOVERY SYSTEM USING
STORAGE BASED JOURNALING

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 4, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration. The Examiner is informed that copies of the U.S. Patents are not being provided.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language translation of the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (274.43199X00) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc
(703) 684-1120

Carl I. Brundidge
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MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

274.43199X00**10/823,619**

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT

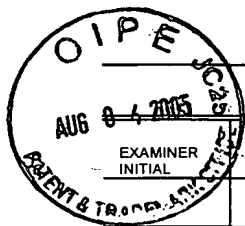
T. AMANO, et al

(Use several sheets if necessary)

FILING DATE

April 14, 2004

GROUP



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	0	7	7	0	5	9		2/78	Cordi et al			
	4	8	2	3	2	6	1		4/89	Bank et al			
	6	1	2	8	6	3	0		10/00	Shackelford			
	6	1	8	9	0	1	6		2/01	Carbrera et al			
	6	3	2	4	6	5	4		11/01	Wahl et al			
	6	4	4	2	7	0	6		8/02	Wahl et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
		YES	NO											
		3	1	0	3	9	4	1	4/91	Japan			XX	
		5	0	0	2	5	1	7	1/93	Japan			XX	
	1	1	3	5	3	2	1	5	12/99	Japan			XX	
	2 0 0 0	1	5	5	7	0	8		6/00	Japan			XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])